

PATENT ATTORNEY DOCKET NO: 06132/043001

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

☐ is attached hereto.

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled IDENTIFICATION OF POLYNUCLEOTIDES ENCODING NOVEL HELICOBACTER POLYPEPTIDES IN THE HELICOBACTER GENOME, the specification of which

was filed on	June 24, 1997 as Applie	cation Serial No. 08/8	81,227.	
filed on	ed and claimed in PCT l and as am	international Applicati lended under PCT Ar	on No ticle 19 on _	•
I hereby state that I ha including the claims, as	ve reviewed and unders s amended by any amer	tand the contents of to ab	the above-ide ove.	entified specification,
I acknowledge the duty Title 37, Code of Feder	to disclose all informati al Regulations, §1.56(a	ion I know to be mate).	rial to patent	ability in accordance with
application(s) for paten least one country other foreign application for p least one country other	patent or inventor's certif	or of any PCT intern of America listed belo ficate or any PCT inte of America filed by m	ational applic ow and have ernational apple e on the sam	of any foreign cation(s) designating at also identified below any olication(s) designating at ne subject matter having a
COUNTRY	APPLICATION NO.	FILING DATE	PRIORI [*]	TY CLAIMED
			□ YES	□NO
			D YES	□NO
listed below and, insofa the prior United States Code, §112, I acknowled defined in Title 37, Cod	edge the duty to disclose	of each of the claims er provided by the firs e all information I kno s, §1.56(a) which bec	of this applic it paragraph w to be mate came availab	ation is not disclosed in of Title 35, United States rial to patentability as le between the filing date
U.S. SERIAL NO.		FILING DATE	STATUS	3
•				

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162.

Address all telephone calls to: Paul T. Clark at 617/428-0200.

Address all correspondence to: Paul T. Clark at Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Harold Kleanthous	
Inventor's Name	
Newtonville, MA, USA	
Inventor's Residence Address (City, State, Country)	
89 Madison Aveune Newtonville, MA, 02160, USA	
Inventor's Post Office Address (Street, City, State, Country)	
United Kingdom	
Inventor's Citizenship	
4. Chauth	10/16/97
Inventor's Signature	Date
·	
Amal Al-Garawi	
Inventor's Name	
Boston, MA, USA	
Inventor's Residence Address (City, State, Country)	
32 Garrison Street, No. 4501, Boston, MA, USA	
Inventor's Post Office Address (Street, City, State, Country)	
Saudi Arabia	
Inventor's Citizenship	
Am UAl Jan.	1917/97
Inventor's Signature	Date

Charles Miller	
Inventor's Name	
Medford, MA, USA	
Inventor's Residence Address (City, State, Country)	
32 Maple Avenue, Medford, MA 02155, USA	
Inventor's Post Office Address (Street, City, State, Country)	
United States of America	
Inventor's Citizenship	
Class Wills 10/17/27	
Inventor's Signature Date	
Jean-Francois Tomb	
nventor's Name	
Balitimore, MD, USA	
nventor's Residence Address (City, State, Country)	
3501 St. Paul Street, Baltimore, MD, USA	
nventor's Post Office Address (Street, City, State, Country)	
_ebanon	
nventor's Citizenship	
nventor's Signature Date	

Raymond P. Oomen	•
Inventor's Name	
Ontario, Canada	
Inventor's Residence Address (City, State, Country)	
5400 Lloydtown-Aurora Sideroad, RR #1, Schomberg, Ontario Canada, L0G 1T0)
Inventor's Post Office Address (Street, City, State, Country)	
Canada	
Inventor's Citizenship	
	•
nventor's Signature Date	

PATENT ATTORNEY DOCKET NO: 06132/043001

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

☐ is attached hereto.

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled IDENTIFICATION OF POLYNUCLEOTIDES ENCODING NOVEL HELICOBACTER POLYPEPTIDES IN THE HELICOBACTER GENOME, the specification of which

🗓 was descrii	n June 24, 1997 as Appl bed and claimed in PCT and as an	international Applicat	ion No.	
I hereby state that I had including the claims, a	ave reviewed and unders as amended by any ame	stand the contents of ndment referred to at	the above-ideove.	entified specification,
l acknowledge the dut Title 37, Code of Fede	ry to disclose all informateral Regulations, §1.56(a	ion I know to be mate a).	erial to patent	ability in accordance with
application(s) for patelleast one country other foreign application for least one country other	patent or inventor's certi	e or of any PCT interr of America listed belificate or any PCT into of America filed by m	national applious and have ernational apple on the san	of any foreign cation(s) designating at also identified below any plication(s) designating at ne subject matter having a
COUNTRY	APPLICATION NO.	FILING DATE	PRIORI	TY CLAIMED
			□ YES	□NO
	-		□ YES	□NO
the prior United States Code, §112, I acknowl defined in Title 37, Cod	edge the duty to disclose	of each of the claims er provided by the firs e all information I kno is, §1.56(a) which bed	of this applicate paragraph w to be mate came availab	ation is not disclosed in of Title 35, United States rial to patentability as le between the filing date
U.S. SERIAL NO.		FILING DATE	STATUS	3
	, , , , , , , , , , , , , , , , , , ,			

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162.

Address all telephone calls to: Paul T. Clark at 617/428-0200.

Address all correspondence to: Paul T. Clark at Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Harold Kleanthous		
inventor's Name		
Newtonville, MA, USA		
Inventor's Residence Address (City, State, Country)		
89 Madison Aveune Newtonville, MA, 02160, USA		
Inventor's Post Office Address (Street, City, State, Country)	1	-
United Kingdom		
Inventor's Citizenship		-
Invented Cinches		_
Inventor's Signature	Date	
Amal Al-Garawi		
Inventor's Name		_
Boston, MA, USA		
Inventor's Residence Address (City, State, Country)		_
32 Garrison Street, No. 4501, Boston, MA, USA		
Inventor's Post Office Address (Street, City, State, Country)		-
Saudi Arabia		
Inventor's Citizenship		
		_
Inventor's Signature	Date	-

Charles Miller .		
Inventor's Name		<u> </u>
Medford, MA, USA		
Inventor's Residence Address (City, State, Country)		
32 Maple Avenue, Medford, MA 02155, USA	-	
Inventor's Post Office Address (Street, City, State, C	Country)	
United States of America		
Inventor's Citizenship		
Inventor's Signature	Date	
	- 4.0	
Jean-Francois Tomb		
Inventor's Name		
nventor's Name Balitimore, MD, USA		
Inventor's Name <u>Balitimore, MD, USA</u> nventor's Residence Address (City, State, Country)		
Balitimore, MD, USA nventor's Residence Address (City, State, Country) 8501 St. Paul Street, Baltimore, MD, USA	ountry)	
Inventor's Name Balitimore, MD, USA Inventor's Residence Address (City, State, Country) B501 St. Paul Street, Baltimore, MD, USA Inventor's Post Office Address (Street, City, State, Co	ountry)	
Inventor's Name Balitimore, MD, USA Inventor's Residence Address (City, State, Country) B501 St. Paul Street, Baltimore, MD, USA Inventor's Post Office Address (Street, City, State, Co	ountry)	
Inventor's Name Balitimore, MD, USA Inventor's Residence Address (City, State, Country) B501 St. Paul Street, Baltimore, MD, USA Inventor's Post Office Address (Street, City, State, Co	ountry)	
Jean-Francois Tomb Inventor's Name Balitimore, MD, USA Inventor's Residence Address (City, State, Country) 3501 St. Paul Street, Baltimore, MD, USA Inventor's Post Office Address (Street, City, State, Country) Lebanon Inventor's Citizenship	ountry)	

Raymond P. Oomen	•	
Inventor's Name		
Ontario, Canada		
Inventor's Residence Address (City, State, Country)	_
5400 Lloydtown-Aurora Sideroad, RR #1, Schombe Inventor's Post Office Address (Street, City, State,	erg, Ontario Canada, L0G 1T0 Country)	_
<u>Canada</u>		
Inventor's Citizenship		-
1000	28 oct. 1997	_
Inventor's Signature	Date	

PATENT ATTORNEY DOCKET NO: 06132/043001

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

is attached hereto.

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original; first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled IDENTIFICATION OF POLYNUCLEOTIDES ENCODING NOVEL HELICOBACTER POLYPEPTIDES IN THE HELICOBACTER GENOME, the specification of which

was descri	n June 24, 1997 as Appli bed and claimed in PCT and as an	International Applicat	ion No.	
I hereby state that I had including the claims, a	ave reviewed and unders as amended by any ame	stand the contents of ndment referred to at	the above-ide	entified specification,
I acknowledge the du Title 37, Code of Fede	ty to disclose all informat eral Regulations, §1.56(a	ion I know to be mate).	erial to patent	ability in accordance with
application(s) for pate least one country other foreign application for least one country other	patent or inventor's certi	e or of any PCT interr of America listed bel- ficate or any PCT into of America filed by m	national applic ow and have ernational ap ne on the san	of any foreign cation(s) designating at also identified below any plication(s) designating at ne subject matter having a
COUNTRY	APPLICATION NO.	FILING DATE	PRIORI	TY CLAIMED
		_	□ YES	□NO
		-	□ YES	□NO
listed below and, insof the prior United States Code, §112, I acknowled	ledge the duty to disclose	of each of the claims er provided by the firs e all information I kno s, §1.56(a) which bed	of this applic st paragraph w to be mate came availab	ation is not disclosed in of Title 35, United States rial to patentability as le between the filing date
U.S. SERIAL NO.		FILING DATE	STATUS	3

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Paul T. Clark, Reg. No. 30,162.

Address all telephone calls to: Paul T. Clark at 617/428-0200.

Address all correspondence to: Paul T. Clark at Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

naiolo Kleanthous		
Inventor's Name		
Newtonville, MA, USA		
Inventor's Residence Address (City, State, Country)		_
89 Madison Aveune Newtonville, MA, 02160, USA		
Inventor's Post Office Address (Street, City, State, Country)		_
United Kingdom		
Inventor's Citizenship		_
Inventor's Signature	Date	
	5 4.0	
Amal Al-Garawi		
Inventor's Name		
Boston, MA, USA		
Inventor's Residence Address (City, State, Country)		
32 Garrison Street, No. 4501, Boston, MA, USA		
nventor's Post Office Address (Street, City, State, Country)		
Saudi Arabia		
nventor's Citizenship		
nventor's Signature	Date	
3	Dale	

Charles Miller		
Inventor's Name		
Medford, MA, USA		
Inventor's Residence Address (City, State, Country)		
32 Maple Avenue, Medford, MA 02155, USA		
Inventor's Post Office Address (Street, City, State, Country)		
United States of America		
Inventor's Citizenship		
Inventor's Signature	Date	
Jean-Francois Tomb		
Inventor's Name		
Balitimore, MD, USA		-
nventor's Residence Address (City, State, Country)		
3501 St. Paul Street, Baltimore, MD, USA		
nventor's Post Office Address (Street, City, State, Country)		
<u>_ebanon</u>		
nventor's Citizenship		
· Letter		
	Nov 14-1997	
nventor's Signature	Date	- -



Dayman d D. Oaman	
Raymond P. Oomen	
Inventor's Name	
Ontario, Canada	
Inventor's Residence Address (City, State, Country)	
5400 Lloydtown-Aurora Sideroad, RR #1, Schomberg, Ontario	Canada, L0G 1T0
Inventor's Post Office Address (Street, City, State, Country)	
(, , , , , , , , , , , , , , , , , , ,	
Canada	
Inventor's Citizenship	
Inventor's Signature	Date